1449B/PTO U.S. Department of Commerce Rev. 1095 AN 2 2005 Complete If Known **Application Number** 09/930,601 LAST OF PRIOR ART Filing Date 08/14/2001 First Named Inventor Mark Manuel et al. Group Art Unit 1722 (use as many sheets as necessary) Heckenburg Jr, Donald H. **Examiner Name** Sheet Attorney Docket Number 199-003

	1		<u>,                                      </u>	U.S. PATENT DOCUMENTS	Date of Publication or	Pages, Columns, Lines,
Examiner Initials	Cite No.1	Number	Kind Code (If known)	Name of Patentee or Applicant of Cited Document	Cited Document  MM-DD-YY	Where Relevant Passages or Relevant Figures Appear
D.H.		4,702,969	,	Bunkoczy	10/27/1987	
.H. O		4,746,055		Ingram	05/24/1988	
D.H.		4,810,591		Sakai	03/07/1989	
. H. С		4,867,412		Greune	09/19/1989	
D.H.		5,032,469		Merz	07/16/1991	
D.H.		5,079,102		Tanaka	01/07/1992	
D·H·		5,151,167		Truong	09/29/1992	
D.H.		5,156,322		Thoi	10/20/1992	
D.H.		5,256,496		Kluczynski	10/26/1993	
D.H.		5,347,423		deNeuf	09/13/1994	
D.H.		5,641,448		Yeung	06/24/1997	
D.H.		5,399,239		Pai	03/21/1995	
D.H.		5,400,946		Weise	03/28/1995	
D.H.		5,529,805		lacovangelo	06/25/1996	
D.H.		5,830,585		Hosoe	11/03/1998	
D.H.		5,869,353		Levy	02/09/1999	
D.H.		5,948,548		Welty	09/07/1999	
D.H.		6,024,851		Radhakrishnan	02/15/2000	
D.H.	<u> </u>	6,025,036		McGill	02/15/2000	
D,H.	<u> </u>	6,038,525		Maguire	03/14/2000	
O.H.		6,060,392		Essaian	05/09/2000	
D.H.		6,063,436		Pavell	05/16/2000	
D.H.		6,081,328		Eng	06/27/2000	
D.H.		6,090,207		Knauss	07/18/2000	
D.H.		6,090,507		Grenon	07/18/2000	
D.H.		6,103,402		Marcin, Jr.	08/15/2000	
D.H.		6,109,332		Sachs	08/29/2000	
D.H.		6,113,752		Hollstein	09/05/2000	
D 12		6,355,331		Hillier	03/12/2002	
D.H.		B2				
р. н.		6,391,473		Numakura	05/21/2002	
<i>V</i> ·H·		B2	1			
D.H.		6,472,029		Skszek	10/29/2002	
<u> </u>	<u> </u>	B1	L			
D.H.	1	6,627,835		Chung	09/30/2003	
<i>V.</i> 77 ·	<b> </b>	B1				
D.H.		6,495,272		Creber	12/17/2002	
~·H.		B1	1			

D·H ·	H1933 H		Zabinski	01/02/2001	
D.H.	2004/012		Stewart	07/01/2004	
D.H.	8016 A1				
				/	
		ļ <u>.</u>			

				FOR	EIGN PATENT DOCUMENTS		
Examiner Initials	Cite No. 5	Office	Number	Kind Code (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication or Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
D.H.			EP 1216 806 A2		Manuel	06/26/2002	
D.H.			EP 0 775 550 A1		Nakagawa	05/28/1997	
D·H·			WO 01/70450 A1		Stewart	09/27/2001	
D. H.			WO 88/07932		Rabinkin	10/20/1988	
D.H.	_		WO 95/08416		Walczyk	03/30/1995	
*	•		XP- 00080337		Walczyk	November 1998	
Examiner Signature		Date Consi dered/	11				
	6	-// <sub>-</sub>	141		4-11-5		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique ditation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.
Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send To: Assistant Commissioner for Patent, Washington, D.C. 20231.

(Information Disclosure Statement – Section 2. FORM 1449A/PTO [6-1] – page \_\_\_\_\_ of \_\_\_\_)

MAR 1 1 2005

1449B/PTO	U.S. D	S. Department of Coming		Com	plete If Known		
Rev. 10/95	Paten	taro trape	mark Charage	DADDIcation Number	-09/930,601		
LICT	4			Filing Date	08/14/2001		
LIST OF PRIOR ART			First Named Inventor	Mark Manuel et al.			
CITE	CITED BY APPLICANT		CANT	Group Art Unit	1722		
(use as n	any she	ets as n	ecessary)	Examiner Name	Heckenburg Jr, Donald H.		
Sheet	1 .	of	1 .	Attorney Docket Number	199-003		

				U.S. PATENT DOCUMENTS		
Examiner Initials	Cite No.1	Number	Kind Code (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication or Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
D.H.		4,474,722		Martin	10/02/1984 <sup>-</sup>	`
D.H.		4,946,552		Onnie	08/07/1990	
D. H.		4,997,602		Trimble	03/05/1991	
D.H.		5,106,290		Carver et al.	04/21/1992	
D.H.		5,273,803		Metcalf	12/28/1993	
D. H.		5,330,343		Berteau	07/19/1994	
D. H·		5,345,052		Puddephatt	09/06/1994	<del></del> .
D.H.		5,377,116		Wayne et al.	12/27/1994	
D.H.		5,421,544	•	Roop	06/06/1995	
D.H.		5,439,622		Pennisi et al.	08/08/1995	
D. H.		5,462,263		Feltrin	10/31/1995	

	FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.1	Office	Number	Kind Code (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication or Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
D.H.			WO 03/04379 5		Lang	05/30/2003			
					•				
					• •	·			
			•		!				
`									
Examiner Signature	,	Date Consi	$\sim$	-	·	•			
	1		$Q \coprod \Box$		4-11-5		<u>'</u>		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.
Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send To: Assistant Commissioner for Patent, Washington, D.C. 20231.

(Information Disclosure Statement — Section 2. FORM 1449A/PTO [6-1] — page \_\_\_\_\_ of \_\_\_\_)

1449B/PTO U.S. Department of Commerce	- AND	Complete if Known
Rev. 10/95 Patent and Trademark Office	Application Number	09/930,601
	Filing Date	08/14/2001
LIST OF PRIOR ART	First Named Inventor	Mark Manuel et al.
CITED BY APPLICANT	Group Art Unit	1722
(use as many sheets as necessary)	Examiner Name	Heckenburg Jr, Donald H.
Sheet 1 1	Attorney Docket Number	199-003

Examiner Initials	Cite No.1	No. 1 country where published, source.									T <sup>2</sup>	
D.H.		A New Rapid	d Tooling	Method	For S	heet Meta	l Formir	g Dies	Invento	r:Daniel	Walczyl	(,UNO
•			- . ,			•		•			•	•
							•	, .			٠	
											•	
					•			***********************			****	
										•		
		· · · · · ·					1		-			
												<b>一</b> 、
•			-					······································		<del></del>	,	
					•					••••		
			•							•		-
					,		-					
						······································				· · · · · · · · · · · · · · · · · · ·		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send To: Assistant Commissioner for Patent, Washington, D.C. 20231.

(Information Disclosure Statement – Section 2. FORM 1449A/PTO [6-1] – page \_\_\_\_

Any fee charged due to this submission may be charged to deposit account 03-1723. A duplicate of this transmittal is attached

John G. Chupa (Reg. No. 33,483) 28535 Orchard Lake Rd., Ste 50

Farmington/Hills, MI 48334

(248) 324-#787

<sup>1</sup> Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.